

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200312802-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): JOUPPI et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: SYSTEM AND CONTROL OF AUDIO FIELD BASED ON POSITION OF USER

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EU687335426US**

Date of Deposit **01/09/04**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By 

Typed Name: **Derek J. Westberg**

Respectfully submitted,

JOUPPI et al.

By 

Derek J. Westberg

Attorney/Agent for Applicant(s)
Reg. No. **40,872**

Date: **01/09/04**

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	200312802-1		
	APPLICANT		
	Jouppi, et al.		
	FILING DATE	GROUP	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	US2002/0118861 A1	08/29/2002	Jouppi, et al.	
	1B	US2002/0141595 A1	10/03/2002	Jouppi	
	1C	6,292,713 B1	09/18/2001	Jouppi, et al.	
	1D	4,764,960	08/16/1988	Aoki, et al.	
	1E	6,118,880	09/12/2000	Kokkosoulis, et al.	
	1F	6,108,430	08/22/2000	Kurisu	
	1G	5,495,534	02/27/1996	Inanaga, et al.	
	1H	5,181,248	01/19/1993	Inanaga, et al.	
	1I	5,146,501	09/08/1992	Spector	
	1J	5,687,239	11/11/1997	Inanaga, et al.	
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Jouppi, "Telepresence system with automatic preservation of user head size", Filed on 02/27/03, U.S. Patent Application No. 10/376,435
	1R	Jens Blauert, "Spatial Hearing - The Psychophysics of Human Sound Localization", Revised Edition, The MIT Press, Cambridge, Mass. 2001
	1S	

EXAMINER

DATE CONSIDERED